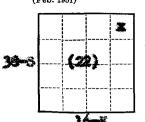
Entered in WID 18the Entered On S.R. Sheet	Cheeled by Chief	
Location Was Pinned	Corry NID to Field Office	
Gard Indexed	Approval Letter	
WR for State or Fee Land	Disapprovol Leffer	
COMPLETION DATA:		. vendaste
Date Well Completed 10-19-5	Janes Lines Land	
OM MM IV	Location Inspected Bond released	li solution
GW CS PA_X	State of Fee Land	1000
Down II DAY THE	GS FILED	
Driller's Log 11-24-57		
Electric Logs (No.)		525778



(SUBMIT IN TRIPLICATE)

UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

Budget Bureau No. 42-R358.4. Approval expires 12-31-60.

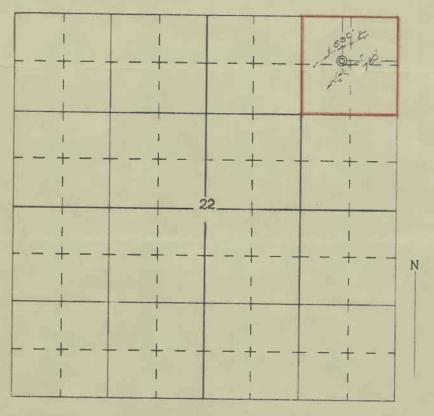
Land Office Salt Lake City, Wash

Lease No. UZAR 04335

Unit Federal Southern Union

	D REPORTS ON WELLS
F INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
F INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
F INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.
F INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.
F INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT.
F INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
F INTENTION TO ABANDON WELL	-
(INDICATE ABOVE BY CHECK MARK NAT	TURE OF REPORT, NOTICE, OR OTHER DATA)
L SAVIERO WILLIA	, 19. 5 7
1 is located	${f N \atop S}$ line and ${f M}$ ft. from ${f E \atop M}$ line of sec. ${f Z}$
Sec. and Sec. No.) (Twp.) (Ran	
at See June	itah
os of and expected depths to objective sands; show sizes, with the location has been selected to the and Mississippian sands, the 1900, 2050, 2300 and 3150 ft.	ttom) 8-5/8" OD caming at approximately 20
	cement 5-1/2" 00 casing as the oil string.
I drill this well with retary to	ols.
	iting by the Geological Survey before operations may be commenced.
stand that this plan of work must receive approval in writ	
y Simelair (ii) & See Company	
y Sinclair Oil & See Company 661 Denver Club Building	By Fand Hank
y Sinclair Oil & See Company 661 Denver Club Building	By ~

COMPANY Sinclair Oil & Gas Company
Well Name & No. Southern Union-Federal No. 1 Lease No.
Location 590' from the North line and 780' from the East line.
Being in NETNET
Sec. 22, T38 N., R16 W., NMPM., Salt Lake Meridian, San Juan County, Utah.
Ground Elevation 5484, ungraded.



Scale - 4 inches equals 1 mile

Surveyed May 28 , 19 57

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

1 Seal

Four States Oil Field Surveys Farmington, New Mexico

Ernest V. Echohawk

Registered Land Surveyor

N. M. Reg. #1545

Practicing in Utah under laws regulating Professional Engrs. and Land Surveyors, Utah code 1953, Title 58-10-16.

July 15, 1957

Sinclair Oil & Gas Company 601 Denver Club Building Denver 2, Colorado

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Federal Southern Union 1, which is to be located 590 feet from the north line and 780 feet from the east line of Section 22, Township 38 South, Range 16 East, SIEM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT SECRETARY

CBF: on

cc: Don Russell, Dist. Eng. U.S.G.S. Federal Building Salt Lake City. Utah

		Approva	Bureau N 1 expires 1	o. 42-R .2-31-60	356.5.		
7	LAND OFFICE	Salt	Lake	City	7, 1	Sta	ub
	LEASE NUMBE	, UTAR	0433	5			
							111

	UNITED	STATE	S	
DEPAR	TMENT O	F THE	INTER	OR
	GEOLOGICA	AL SURV	'EY	

LESSEE'S MONTHLY REPORT OF OPERATIONS

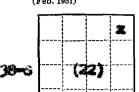
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			601	Deav	er Club Bu	Uding		Con	npany Si		OIL & Ges	Company
		<u></u>	Den	ver 2	, Colorado			Sign	ned	P. C	! New	port
Phone			AMh	erst	6-2461			Age	nt's title 🛚	My. Chi	lef Clerk	- Prod De
SEC. AND 1/4 OF 1/4	Twp.	RANGE	WELL No.	Days Produced	BARRELS OF OIL	GRAVITY	Cv. Fr. or (In thousan	Gas ids)	GALLONS OF GASOLINE RECOVERED	BARRELS O WATER (I none, so sta	f (If drilling, depth date and result	IARKS n; if shut down, cause of test for gasoline nt of gas)
4 NE/4												
22	383	16B	1								Drillin	g @ 2510
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								1.				
								14.15				
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						7.8						
were the same of the	4.4.20	1	l .	1 1 1 1 1		1				1		

runs or sales of gasoline during the month. (Write "no" where applicable.) Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950) Form 9-329 (January 1950)

___ runs or sales of oil; ____

M cu. ft. of gas sold;



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4. Approval expires 12-31-60.

Office......

WTAH 04335

Federal Southern Union

SUNDRY NOTICES AND REPORTS ON WELLS

SUBSEQUENT REPORT OF WATER SHUT-QFF SLP 2 3 195
SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
SUBSEQUENT REPORT OF ALTERING CASING NOT THE SUBSEQUENT REPORT OF ALTERING CASING NOT THE SUBSEQUENT REPORT OF BE DOWN INC. OR DEPART.
SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
SUBSEQUENT REPORT OF ABANDONMENT.
SUPPLEMENTARY WELL HISTORY

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Personal Symbols union	September 19,				
Well No is located	590 ft. f	rom_ [N] line ar	ad 780 ft. from $\{E\}$ line of s	sec.	
HE/4 HE/4 Sec 22	38-0	16-8	Salt Lake		
(1/4 Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)		
Mildest	2	en Juan	Utak		
(Field)	(Co	unty or Subdivision)	(State or Territory)		
and the same of th					

The elevation of the desired show above sea level is the ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

8-23-57 Spudded 10 H 8-22-57

9-30-57 Catd 13-3/8" 6 499' w/550 sx 6 4:30 AM Circulated cement

9-1-57 Tstd cag 650# Of for 30".

9-19-57 Dels absent @ 2810'

I understand that this	s plan of work must re	eceive approval in writing	by t	he Geological Survey	before operations may be con	nmenced.

Company Sinclair (d) & Ges Company Colors			
Address			
	Ву	Minds.	Mar period
	Title	hiv. Chief Cl	erk - Pred Dept

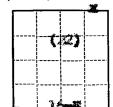
31-





Budget Bureau No. 42-R358.4. Approvate poires 12-31-00

(SUBMIT IN TRIPLICATE)



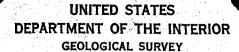
UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

Land Office	
Lease Na Committee of the Committee of t	Onion
Unit	

SUNDRY NOTIC	CES AND REPORTS ON WELLS
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WE	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALTER CASING.	T
NOTICE OF INTENTION TO ABANDON WELL	OUT ELIBORIANT WEEL THIS TORY
(INDICATE ABOVE BY C	HECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)
1 590 Well No is located 35/4 36/4 500 22 33-	ft. from line and ft. from line of sec.
Twp.)	(Meridian)
(State names of and expected depths to objective sand ing point in	DETAILS OF WORK ds; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cement- ts, and all other important proposed work)
I understand that this plan of work must receive Sincle 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
	By <u>45.00.</u>
	Div, Wief Work - Trod Jept
	11115

FEDERAL SOUTHERN UNION WEIL No. 1 San Juan County, Utah

- 9-15-57 Cored Upper Basal Hermosa 2301-22, Rec 21; 4° limestone, grey very vuggy, heavily spotted oil stain, strong, sulphur odor, some oil saturation, much bleeding; 3° limestone, light brown, very vuggy, fine oil saturation, much bleeding; 2° limestone, white to grey, fine crystalline, some vugg, perosity, spotty oil stain and bleeding; 3° limestone, white, fine crystalline, fine colitie, trace fine vug perosity, strong sulphur odor, trace oil stain; 1° limestone, grey fine to medium crystalline, hard and tight; 4° limestone, light brown, very fine crystalline, hard, small calcite inclusions, 4° limestone, light brown, hard, some black silty trashy shale laminations fossiliferous.
- 9-16-57 DST 2275-2322, Basal Upper Hermosa. Open 1 hr, air immedi ately w/weak blow. Rec. 200 drlg mud with very slight trace oil. FP-45#, 60° SIP-160# not max.



Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.

LAND OFFICE

LEASE NUMBER

UTAH 04335

LESSEE'S MONTHLY REPORT OF OPERATIONS

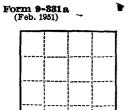
State _	Utel	1		Co	ounty Ser	Juan		Fiel	d Wild	est		
Th wells) f	e foll or th	owing e mon	is a	correc	et report of	operati		prod	luction (i		lrilling and Union	producing
					er Club Bui	lding		Com	pany S	inclair, (II & Gas	Company
					Colorado					T.W.	Kewa	
Phone						Application of the second			The second second second	Div. Chie	of Clerk -	Prod Dep
Sec. and 1/4 of 1/4	Twp.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. or (In thousar		GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMA (If drilling, depth; i date and result of content	f shut down, cause; test for gasoline
er/a												
Sec 22	383	16B	1								3885-TD	Waiting

NOTE.—There were ______ M cu. ft. of gas sold; ______ M cu. ft. of gas sold; ______ runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Unit

(SUBMIT IN TRIPLICATE)



UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

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			JKIS ON	WELLS	10
NOTICE OF INTENTION TO DRILL		SUBSEQUENT	REPORT OF WATER SH	UT-OFF.	
NOTICE OF INTENTION TO CHANGE PLANS	5	SUBSEQUENT	REPORT OF SHOOTING	OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER S	HUT-OFF	SUBSEQUENT	REPORT OF ALTERING	CASING.	
NOTICE OF INTENTION TO RE-DRILL OR F	REPAIR WELL	SUBSEQUENT	REPORT OF RE-DRILLI	NG OR REPAIR	
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NOTICE OF INTENTION TO PULL OR ALTE			RY WELL HISTORY		
NOTICE OF INTENTION TO ABANDON WELI	L				
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ell No is located	\$ ft. from	$\left\{ \begin{array}{l} N \\ \bullet \end{array} \right\}$ line and	110 ft. from	E line of se	ec. 🎎
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(1/2 Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)		
CL Tolerants	See Joseph		11th	<u>.</u>	
and the fact					
ate names of and expected depths to obje	ective sands; show size	LS OF WOR	ths of proposed casins	s; indicate muddin	g jobs, cem
ee supplementary well h	ective sands; show size ing points, and all o	es, weights, and lengther important pro	yths of proposed casing posed work)		
oe supplementary well h ill plug and abandon as 25 encks oes 25 packs oes	ective sands; show size ing points, and all o	es, weights, and lengther important pro	yths of proposed casing posed work)		
ne supplementary well h ill plug and abandom as 25 encks on 25 encks on 35 sacks on	ing points, and all o	es, weights, and lengther important prophets. Instruction 1-1915' 6-1281' 15-175'	yths of proposed casing posed work)	Campur, Vy	
on supplementary well h ill plug and abandom as 25 encks on 25 encks on 35 sacks on	ing points, and all o	es, weights, and lengther important prophets. Instruction 1-1915' 6-1281' 15-175'	gths of proposed casing posed work)	Campur, Vy	
the supplementary well he can be supplementary we weaked the supplementary two weaks	ing points, and all of ing points, and all of ing points, and all of ing points pay sent plag 135 point plag 13	incl. Include: 1.1515'. 5-1515'. 1.1515'.	gths of proposed casing posed work) BabalaSag	Caspur, Vyn	enings
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ill plug and abandon as 25 encks cen 25 encks cen 35 encks cen 36 encks cen 16 encks cen 17 encks cen 18 encks cen 19 encks cen 19 encks cen 10 encks cen 10 encks cen 10 encks cen 10 encks cen 11 understand that this plan of work mu	follows pay sent plag 135 sent plag 136 sent	incl. in	gths of proposed casing posed work)	Campur, Wy	enings

Title Annt. Div. Prod. Supt.

FEDERAL SOUTHERN UNION WELL NO. 1

10-19-57

10-20-57

Prep to P&A.

FEDERAL SOUTHE	ALL VILVE RELEASED
10- 2-57	Spotted 37 sx cement plugs 2885-2785', 3392-3292' & 2700-2600'. Ran in hole & found top of cement @ 2755'. Prep re-spot top plug.
10- 3-57	Cement plug re-spotted but exact depth not available. Top of cement 2623'.
10- 4-57	Spotted 18 sx cement plug 2650-2600' & found top @ 2622'. Gutd 52" csng @ 2603' w/252 sx @ 9:30 PM 10-3-57. Used centralizers @ 2565', 2378', 2321', 2291' & 2265'. WCC.
10- 5-57	Running Gamma Ray-Neutron.
10-657	Cond. hole.
10- 7-57	Perf. 2328-42' w/4 holes /ft. Prep to swab.
10- 8-57	Tested 52 - OK - 30 @ 800#.
10- 9-57	Down 24 hrs swab unit repairs.
10-10-57	Acidized perfs 2328-42' w/500 gals MCA, BD 1400 %, PI 700%, IR 2 BPM. Pulled swab 6 times & unit broke down & was down 24 hrs. Started swb & swb IM f/4 hrs. Swb 126 bbls sulphar who 16 hrs. Now swb 6 bbls/hr. Prep to squeeze.
10-11-57	Set CI ret @ 2320°. Prep squeeze.
10-12-57	Squad perfs 2328-42' w/50 sx, 47 sx in form, rev. 3 sx. PI @ 1500#, MP 3000#. WOC.
10-13-57	2320-PBD WOC.
10-14-57	Perf BASAL UPPER HERMOSA 2294-2312° w/4 jets/ft. W/pkr @ 2247° swb dry. Prep acid w/250 gals MCA.
10-15-57	Acid perfs 2294-2312; w/250 gals MCA. MP 1800#@ .3 BPM. Swb 15 BIW; now swb 1/4 to 1/2 BW per hr w/sli sulphur odor. Prep to acidize.
10-16-57	No report - radio out acct weather.
10-17-57	Acidized perfs 2294-2312' w/1000 gals IST, MP 900#, Min. 700#; inj rate 1 BPM. Swb 42 bbls IW & AW 4 hrs. Swb 51 bbls sli salty sulphur water 15 hrs. Prep set BP & re-perf.
10-18-57	Set BP @ 2290' & perf 2270-80' w/h holes/ft. W/pkr @ 2219' & bottom of teil pipe @ 2280', swb 9 bbls SWtr/hr f/10 hrs w/sli show oil. Prep to P&A.

2290-PBD. Pulled & rec 1976' 52" cang. Spotted 25 ax cmt 1987-1915'; 25 ax 1356-1284; 35 ax 515-475'. COMPLETED DRY HOLE.



UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LAND OFFICE	Budget Bureau No. 42-R356. Approval expires 12-31-60.
LEASE NUMBER	UTAH 04335

LESSEE'S MONTHLY REPORT OF OPERATIONS

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hone_			Altho	rst 6	-2461		Age	ent's title	Div. Chi	ef Clerk
SEC. AND 14 OF 14	Twr.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Fr. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline content of gas)
er/4										
IB/4	-									
iet 2	350	TOE	1							Plugged and
								100		Abandoned. Refe Notice of Intent
										to plug and aber
										dated 10/19/57.
res A			4 71							
					FI	NAL R	eport -			
					garage in the second					
•										

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor. Form 9-829 (January 1950)

FEDERAL SOUTHERN UNION WELL NO. 1

10-20-57

Property Courte	
10- 2-57	Spotted 37 sx cement plugs 2885-2785', 3392-3292' & 2700-2600'. Ran in hole & found top of cement @ 2755'. Prep re-spot top plug.
10- 3-57	Coment plug re-spotted but exact depth not available. Top of cement 2623'.
10- 4-57	Spotted 16 ax cement plug 2650-2600' & found top @ 2622'. Canto $5\frac{1}{2}$ " cang @ 2603' w/252 ax @ 9:30 PM 10-3-57. Used centralizers @ 2565', 2378', 2321', 2291' & 2265'. WOC.
10- 5-57	Running Gamma Ray-Neutron.
10-657	Cond. hole.
10- 7-57	Perf. 2328-42' w/4 holes /ft. Prep to swab.
10- 8-57	Tested 52 - 0K - 30 @ 800#.
10- 9-57	Down 24 hrs swab unit repairs.
10-10-57	Acidized parfs 2328-42' w/500 gals MCA, BD 1400 #, PI 700#, IR 2 BPM. Pulled swab 6 times & unit broke down & was down 24 hrs. Started swb & swb IM 1/4 hrs. Swb 126 bbls sulphur wir 16 hrs. Now swb 6 bbls/hr. Prep to squeeze.
10-11-5?	Set CI ret @ 23201. Prep squeeze.
10-12-57	Sqzd perfs 2328-42' w/50 sx, 47 sx in form, rev. 3 sx. PI @ 1500#, MP 3000#. WOC.
10-13-57	2320-PBD WOC.
10-14-57	Perf BASAL UPPER HERMOSA 2294-2312' w/4 jets/ft. W/pkr @ 2247' swb dry. Prep acid w/250 gals MCA.
10-15-57	Acid perfs 2294-2312 w/250 gals MCA. MP 1800#@ .3 BPM. Swb 15 BIN; now swb 1/4 to 1/2 BW per hr w/sli sulphur odor. Prep to acidize.
10-16-57	No report - radio out acct weather.
10-17-57	Acidized perfs 2294-2312' w/1000 gals IST, MP 900#, Min. 700#; inj rate 1 BPM. Swb 42 bbls IW & AW 4 hrs. Swb 51 bbls sli salty sulphur water 15 hrs. Prep set BP & re-perf.
10-18-57	Set BP @ 2290° & perf 2270-80° w/h holes/ft. W/pkr @ 2219° & bottom of tail pipe @ 2280°, swb 9 bbls Swtr/hr f/10 hrs w/sli show oil. Prep to P&A.
10-19-57	Prep to P&A.

2290-PBD. Pulled & rec 1976' 52" cang. Spotted 25 sx cmt 1987-1915'; 25 sx 1356-1284; 35 sx 515-475'. COMPLETED DRY HOLE.

FEDERAL SOUTHERN UNION WELL No. 1 San Juan County, Utah

- 9-15-57 Cored Upper Basal Hermosa 2301-22, Rec 21; 41 limestone, grey very vuggy, heavily spotted oil stain, strong, sulphur odor, some oil saturation, much bleeding; 31 limestone, light brown, very vuggy, fine oil saturation, much bleeding; 21 limestone, white to grey, fine crystalline, some vugs, porosity, spotty oil stain and bleeding, 31 limestone, white, fine crystalline, fine colitic, trace fine vug porosity, strong sulphur odor, trace oil stain; 11 limestone, grey fine to medium crystalline, hard and tight; 41 limestone, light brown, very fine crystalline, hard, small calcite inclusions, 41 limestone, light brown, hard, some black silty trashy shale laminations fossiliferous.
- 9-16-57 DST 2275-2322, Basal Upper Hermosa. Open 1 hr, air immedi ately w/weak blow. Rec. 200 drlg mud with very slight trace oil. FP-45#, 60" SIP-160# not max.

Bu Sureau No. 42-R355.4. Approval expires 12-31-60.

U. S. LAND OFFIC	E Sal	Lt	Lake	
SERIAL NUMBER	Utah	O	335	

LEASE OR PERMIT TO PROSPECT.

UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

Heaving plug-Material

16E

Form 9-330

38S

LOG OF OIL OR GAS WELL

Company Sinclair Oil & Gas Company Lessor or Tract Federal Southern Union								-	
					4.				
		·				Co			
Locati	on 590	ft of _N	Line ε	and 780 f	t. W. ofE	Line of Secti	on 22	Eleva	tion 5484
		ation given h determined f				ct record of the v		ll work o	lone thereon
Date	Novembe	r 8, 1957							rod Dept
\mathbf{T}	he summa	ry on this pa	ge is for	the condit	tion of the wel	ll at above date.			
			- ·			hed drilling _Oct	ober 19		19 57
					AS SANDS (· · · · · · · · · · · · · · · · · · ·
					Denote gas by G)			
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No. 1, No. 2,	from	Threads per	to	CA Amount	No. 6 ANT WATEF No. 3 No. 4 SING RECO	, from, from, from	t Perfo	Oorated To—	
No. 1, No. 2,	from	Threads per	to	CA Amount	No. 6 ANT WATEF No. 3 No. 4 SING RECO	, from, from, from, from	t Perfo	Oorated To—	
No. 1, No. 2,	from	Threads per	to	CA Amount	No. 6 ANT WATEF No. 3 No. 4 SING RECO	, from, from, from, from	t Perfo	Oorated To—	
No. 1, No. 2,	from	Threads per	to	CA Amount	No. 6 ANT WATEF No. 3 No. 4 SING RECO	, from, from, from, from	t Perfo	Oorated To—	
No. 1, No. 2,	from	Threads per inch	to	CA Amount 497 - 2602 DING AN	No. 6 ANT WATEF No. 3 No. 4 SING RECO	, from R SANDS , from , from RD Cut and pulled from	t t Perfo	Oorated To—	Purpose
No. 1, No. 2, Size casing -3/8-1/2	from Weight per foot	Threads per inch t Numbe	to	CA Amount 497 - 2602 DING AN	No. 6 ANT WATEF No. 3 No. 4 SING RECO Kind of shoe	, from, f	t t Perfo	O	Purpose

PLUGS AND ADAPTERS

MUDDING AND CEMENTING RECORD Size casing Where set Number sacks of cement Method used Amount of mud used 550 HOWCO 13=3/8 499 252 5-1/2 HONCO 2603 PLUGS AND ADAPTERS Heaving plug—Material Length Depth set Adapters--Material Size SHOOTING RECORD Shell used Explosive used Quantity Date Depth shot Depth cleaned out Size TOOLS USED Rotary tools were used from ______feet to _____feet to _____feet to _____feet to _____feet Cable tools were used from ______ feet to _____ feet, and from _____ feet to _____ feet **DATES** .____, 19____ The production for the first 24 hours was ______ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. Rock pressure, lbs. per sq. in. **EMPLOYEES** Driller O. L. Bass , Driller H. T. Adams ____, Driller -Basin-Brilling-Corporation-..., Driller P. W. Cope FORMATION RECORD то-FROM-TOTAL FEET FORMATION 2322 Limestone, vuggy, fine, sulphur odor, crystalline 2301 some calcite inclusions, silty shale. WELL SURVEYS: Electric Log - Surface to 3894 - Schlumberger Microlog - Surface to 3891 - Schlumberger Surface to 3894 - Schlumberger OR & NS Surface to 2564 - McCullough GR & MS PERFORATION RECORD: 2328-2342 with 4 holes per ft., 2270-2280 with 4 holes per ft. TREATMENT RECORD: 2328-2342 w/500 Gals MCA. Min press: 1400; 2294-2312 w/250 Gals MCA 1800 Hax Press. 2294-2312 w/1000 Gals LST. Max Pres: 900. Min: 700. SEE ATTACHED SHEET FOR CORES AND DRILL STEM TESTS. GEOLOGCIAL TOPS (Schlumberger) **+1150** Hermosa 1334 Paradox Lower Hermosa 2890 3152 Molas Mississippian 3342 f1634 Devonian COMPLETION RECORD: Having drilled to 3885-TD and having found no oil or gas in commercial quantities, we have plugged and abandoned this well as follows: Spotted 25 sx cmt plug 1987-1915; 25 sx 1356-1284; 35 sx 515-475. Regulation 4" pipe marker cmtd in place. all intervening spaces filled with heavy mud. Location cleaned.

OLD | MARK

SINGLAUR OIL & GAS GOMPANY

P. O. Box 4005 Albuquerque, N.M. April 29, 1958

(, <)

Mr. Robert Gorden Texas National Petroleum Company 902 South Coast Building Houston 2, Texas

43-037-11101

Re: No. 1 Federal Southern Union, Section 22, 38S - 16E, San Juan County, Utah;

#115 San Juan

Dear Sir:

Enclosed are four photostatic copies of Notice of Intention to Abandon Well and supplementary well history on the above referenced well, on which your Company made an acreage contribution.

We will furnish you with approved copies of the Subsequent Report of Abandonment when the same has been approved by the U.S.G.S.

Yours very truly,

SINCLAIR OIL & GAS COMPANY

Frank D. Rippy

District Landman

FDR:rp Enclosures

Tell read to geol.



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY



Lease No. Viah Oks

SUNDRY NOTICES AND REPORTS ON WELL

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	
	The second secon

NOICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

TENERAL SCHITTERS HATCH	Oc	tober 19,	, 19.57
TY/ II N	500 ft. from N line and	780 ft. from (E) lin	e of sec.
	income in the same	Call Tales	
18/4 Sec. and Sec. No.)	(Twp.) (Range)	(Meridian)	
(Field)	(County or Subdivision)	(State or Terri	tory)
may me Providence			

The elevation of the desirable above sea level is 5104 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, coment-ing points, and all other important proposed work)

See supplementary well history attached.

Will plug and abandon as follows per instructions U.S.G.S., Casper, Wyoming:

25 sacks cement plag 1987-1915'. 25 sacks cement plug 1356-1284'.

35 sacks cament plug 515- 675'.

After standing two weeks, will cap with cement and install regulation market

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be

Company	SINCLAIR OIL & GAS COMPANY	0
Address	A COLUMN DESCRIPTION OF THE PROPERTY OF THE PR	The same

OCT 1 8 1957

PEDERAL SOUTH	ERN UNION WELL NO. 1
10- 2-57	Spotted 37 sx cement plugs 2885-2785', 3392-3292' & 2700-2000'. Rail In
10- 3-57	Coment ning re-spotted but exact depth not available. Top of cement 2023'.
10- 4-57	Spotted 18 sx cement plug 2650-2600' & found top @ 2622'. Gatd 52" csng @ 2603' w/252 sx @ 9:30 PM 10-3-57. Used centralizers @ 2565', 2378', 2321', 2291' & 2265'. WOC.
10- 5-57	Running Gamma Ray-Neutron.
10-657	Cond. hole.
10- 7-57	Perf. 2328-42' w/4 holes /ft. Prep to swab.
10- 8-57	Tested 52" - OK - 30" @ 800#.
10- 9-57	Down 24 hrs swab unit repairs.
10-10-57	Acidized perfs 2328-42' w/500 gals MGA, BD 1400 #, PI 700#, IR 2 BPM. Pulled swab 6 times & unit broke down & was down 21; hrs. Started swb & swb UM f/4 hrs. Swb 126 bbls sulphur wtr 16 hrs. Now swb 6 bbls/hr. Prep to squeeze.
10-11-57	Set CI ret @ 2320'. Prap squeeze
10-12-57	Sqzd perfs 2328-42' w/50 sx, 47 sx in form, rev. 3 sx. PI @ 1500#, MP 3000#. WOC.
10-13-57	2320-PBD WOC.
10-14-57	Perf BASAL UPPER HERMOSA 2294-2312' w/4 jets/ft. W/pkr @ 2247' swb dry. Prep acid w/250 gals MCA.
10-15-57	Acid perfs 2294-2312 w/250 gals MCA. MP 1800#@ .3 BPM. Swb 15 BLW; now swb 1/4 to 1/2 BW per hr w/sli sulphur odor. Prep to acidize.
10-16-57	No report - radio out acct weather.
10-17-57	Acidized perfs 229h-2312' w/1000 gals IST, MP 900#, Min. 700#; inj rate 1 BPM. Swb 42 bbls IM & AW 4 hrs. Swb 51 bbls sli salty sulphur water 15 hrs. Prep set BP & re-perf.
10-18-57	Set BP @ 2290' & perf 2270-80' w/h holes/ft. W/pkg @ 2219' & bottom of tail pipe @ 2280', swb 9 bbls Swtr/hr 1/10 hrs w/sli show oil. Prep to P&A.
10-19-57	Prep to P&A.
10-20-57	2290_PBD. Pulled & rec 1976' 52" cang. Spotted 25 ax cmt 1987-1915'; 25 ax 1356-1284; 35 ax 515-475'. COMPLETED DRY HOLE.

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

nel Office

dudget Bureau 42-R558. Approval expires 12-31-55 Salt Lake

Utah 0433

SUNDRY NOTICES AND REPORTS ON WEL

NOTICE OF INTENTION TO DRILL. NOTICE OF INTENTION TO CHANGE PLANS NOTICE OF INTENTION TO TEST WATER SHUT-OFF NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE NOTICE OF INTENTION TO PULL OR ALTER CASING NOTICE OF INTENTION TO ABANDON WELL.

SUBSEQUENT REPORT OF WATER SHUT-OFF. SUBSPOUENT REPORT OF SHOOTING OR ACIDIZING SUBSEQUENT REPORT OF ALTERING CASING. SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR SUBSEQUENT REPORT OF ABANDONMENT ... SUPPLEMENTARY WELL HISTORY ...

(INDICATE ABOVE BY CHECK MAPK NATURE OF REPORT, NOTICE, OR OTHER DATA)

PEDERAL SOUTHERN DEACH			•	, 17.2
Well No. 1 is located	590 ft. from	N line and	780 ft. from (E)	ine of sec.
	0.73 et		(mages)	9
(½ Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)	
(Field)	(County o	r Subdivision)	(State or Te	rritory)

surface The elevation of the decided above sea level is 5104 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, sementing points, and all other important proposed work)

See supplementary well history attached.

Will plug and abandon as follows per instructions U.S.G.S., Camper, Wyoming:

25 anche cament plug 1987-1915'.

25 sacies coment plug 1356-128h. 35 seeks coment plug 515- 175'.

After standing two weeks, will esp with cement and install regulation marke

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may

STREET OF & GAS CORPARY Company

SOR Discrepance College

OCT 1 8 1957

PEDERAL SOUTHE	RN UNION WELL NO. 1
10- 2-57	Spotted 37 sx cement plugs 2885-2785', 3392-3292' & 2700-2600'. Ran in hole & found top of cement @ 2755'. Prep re-spot top plug.
10- 3-57	Coment plng re-spotted but exact depth not available. Top of cement 2623'.
10- 4-57	Spotted 18 sx cement plug 2650-2600' & found top @ 2622'. Gatd 52" cang @ 2603' w/252 ax @ 9:30 PM 10-3-57. Used centralizers @ 2565', 2378', 2321', 2291' & 2265'. WOC.
1.0- 5-57	Running Gamma Ray-Neutron.
10-6-57	Cond. hole.
10- 7-57	Perf. 2328-42 w/4 holes /ft. Prep to swab.
10- 8-57	Tested 52" - OK - 30" @ 800#.
10- 9-57	Down 2h hrs swab unit repairs.
10-10-57	Acidized perfs 2328-42 w/500 gals MCA, BD 1400 #, PI 700#, IR 2 BPM. Pulled swab 6 times & unit broke down & was down 24 hrs. Started swb & swb UM f/4 hrs. Swb 126 bbls sulphur wir 16 hrs. Now swb 6 bbls/hr. Prep to squeeze.
10-31-57	Set Cliret @ 23201. Pyso squeeze.
10-12-57	Sqzd perfs 2328-42° w/50 sx, 47 sx in form, rsv. 3 sx. PI @ 1500#, MP 3000#. WOC.
10-13-57	2320-PBD WCC.
10-14-57	Perf BASAL UPPER HERMOSA 2294-2312° w/4 jets/ft. W/pkr @ 2247° swb dry. Prep acid w/250 gals MCA.
10-15-57	Acid perfs 2294-2312' w/250 gals MCA. MP 1800# @ .3 BPM. Swb 15 BLW; now swb 1/4 to 1/2 BW per hr w/sli sulphur odor. Prep to acidize.
10-16-57	No report - radio out acct weather.
10-17-57	Acidized perfs 2294-2312' w/1000 gals IST, MP 900#, Min. 700#; inj rate 1 BPM. Swb 42 bbls IW & AW 4 hrs. Swb 51 bbls sli salty sulphur water 15 hrs. Prep set BP & re-perf.
10-18-57	Set BP @ 2290' & perf 2270-80' w/h holes/ft. W/pkr @ 2219' & bottom of tail pipe @ 2280', swb 9 bbls Swtr/hr f/10 hrs w/sli show oil. Prep to P&A.
10-19-57	Prep to P&A.
10-20-57	2290_PBD. Pulled & rec 1976' 52 csng. Spotted 25 sx cmt 1987-1915'; 25 sx 1356-1284; 35 sx 515-475'. COMPLETED DRY HOLE.

Form 9-881

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau 42-R358.3. Approval expires 12-31-55,

SUNDRY NOTICES AND REPORTS ON

	11
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	XX
NOTICE OF INTENTION TO AMERICA	
	and an anticological production of the second control of the secon

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DA

October 19.

PEDERAL SCUTTISHEN THEOR

is located 500 ft. from [N] line and 780 ft. from E line of sec. 22

NE/4 NE/4 Section 22 (1/4 Sec. and Sec. No.)

Salt Lake

(Field)

(County or Subdivision)

(State or Territory)

surface The elevation of the decided above sea level is 5184 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed easings; indicate mudding jobs, comenting points, and all other important proposed work)

See supplementary well history attached.

Will plug and abandon as follows per instructions U.S.G.S., Casper, Wyemings

25 sacks cament plug 1987-1915'.

25 sacks cament plug 1356-128h'.

35 cacks coment plng 515- 475'.

After standing two weeks, will cap with owners and install regulation marker

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company STRULATE OTL & CAS COMPANY

Address 600 Benver Club Building

Denver 2, Colorada

magazined and survey whening

Title Aget. Div. Prod. Supt.

OCT 1 8 1957 District Enginees

PEDERAL SOUTHE	FEDERAL SOUTHERN UNION WELL NO. 1				
10- 2-57	Spotted 37 sx cement plugs 2885-2785', 3392-3292' & 2700-2600'. Ran in hole & found top of cement @ 2755'. Prep re-spot top plug.				
10- 3-57	Coment plug re-spotted but exact depth not available. Top of cement 2623'.				
10- 4-57	Spotted 18 sx cement plug 2650-2600' & found top @ 2622'. Gmtd 52" cang @ 2603' w/252 sx @ 9:30 PM 10-3-57. Used centralizers @ 2565', 2378', 2321', 2291' & 2265'. WOC.				
10- 5-57	Running Gamma Ray-Neutron.				
10-657	Cond. hole.				
10- 7-57	Perf. 2328-42 w/4 holes /ft. Prep to sweb.				
10- 8-57	Tested 52" - OK - 30" @ 800#.				
10- 9-57	Down 24 hrs swab unit repairs.				
10-10-57	Acidized perfs 2328-12 w/500 gals MCA, BD 1100 #, PI 700#, IR 2 BPM. Pulled swab 6 times & unit broke down & was down 21 hrs. Started swb & swb IW f/4 hrs. Swb 126 bbls sulphur wtr 16 hrs. Now swb 6 bbls/hr. Prep to squeeze.				
10-11-57	Set CI ret @ 2320°. Prep squeeze.				
10-12-57	Sqsd perfs 2328-42' w/50 sx, 47 sx in form, rev. 3 sx. PI @ 1500#, MP 3000#. WOC.				
10-13-57	2320-PRD WOC.				
10-14-57	Perf BASAL UPPER HERMOSA 2294-2312 w/4 jets/ft. W/pkr @ 2217 swb dry. Prep acid w/250 gals MCA.				
10-15-57	Acid perfs 2294-2312' w/250 gals MCA. MP 1800#@ .3 BPM. Swb 15 BLW; now swb 1/4 to 1/2 BW per hr w/sli sulphur odor. Prep to acidize.				
10-16-57	No report - radio out acct weather.				
10-17-57	Acidized perfs 2294-2312' w/1000 gals IST, MP 900#, Min. 700#; inj rate 1 BPM. Swb 42 bbls LW & AW 4 hrs. Swb 51 bbls sli salty sulphur water 15 hrs. Prep set BP & re-perf.				
10-18-57	Set BP @ 2290' & perf 2270-80' w/h holes/ft. W/pkr @ 2219' & bottom of tail pipe @ 2280', swb 9 bbls Swtr/hr f/10 hrs w/sli show oil. Prep to P&A.				
10-19-57	Prep to P&A.				
10-20-57	2290_PBD. Pulled & rec 1976' 5% cang. Spotted 25 sx cmt 1987-1915'; 25 sx 1356-1284; 35 sx 515-475'. COMPLETED DRY HOLE.				

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL SUBSEQUENT REPORT OF WATER SHUT-OFF. NOTICE OF INTENTION TO CHANGE PLANS SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING NOTICE OF INTENTION TO TEST WATER SHUT-OFF..... SUBSEQUENT REPORT OF ALTERING CASING..... NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR NOTICE OF INTENTION TO SHOOT OR ACIDIZE. SUBSEQUENT REPORT OF ABANDONMENT NOTICE OF INTENTION TO PULL OR ALTER CASING. SUPPLEMENTARY WELL HISTORY NOTICE OF INTENTION TO ABANDON WELL.

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA

FROMAL SOUTHERN TRION

October 19.

is located 500 ft. from N line and 780 ft. from E line of sec. 22

BB/k BB/k Section 22

Selt Lake

(Field)

San Jour ounty or Subdivision)

State or Persitory

The elevation of the device above sea level is 5104 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate midding jobs, sementing points, and all other important proposed work)

See supplementary well history attached.

Will plug and abandon as follows per instructions V.S.G.S., Casper, Myoming:

25 sacks coment plug 1987-1915'.

25 sades coment plug 1356-128h'.

35 sacks coment plant 525- 175'.

After standing two weeks, will cap with essent and install regulation marker

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be communed

Company SINCIAIR OIL & GAS COMPANY

601 Deswer Club Building

Decrees 2, Colorsia

By and I have the

Title Asst. Div. Prod. Supt.

PEDERAL SOUTHERN UNION WELL NO. 1

Prep to P&A.

10-19-57

10-20-57

PEDERAL SOUTH	RM UNION WELL NO. 1
10- 2-57	Spotted 37 ax cement plugs 2885-2785; 3392-3292; & 2700-2600; Ran in hole & found top of cement @ 2755; Prep re-spot top plug.
10- 3-57	Cement plug re-spotted but exact depth not available. Top of cement 2623'.
10- 4-57	Spotted 18 sx cement plug 2650-2600' & found top @ 2622'. Cutd 52" cang @ 2603' w/252 sx @ 9:30 PM 10-3-57. Used centralizers @ 2565', 2378', 2321', 2291' & 2265'. WOC.
10- 5-57	Running Gamma Ray-Neutron.
10-657	Cond. hole.
10- 7-57	Perf. 2328-42' w/4 holes /ft. Prep to swab.
10- 8-57	Tested 52" - OK - 30" @ 800#.
10- 9-57	Down 24 hrs swab unit repairs.
10-10-57	Acidized perfs 2328-L2' w/500 gals MCA, BD 1400 #, PI 700#, IR 2 BPM. Pulled swab 6 times & unit broke down & was down 24 hrs. Started swb & swb UW f/4 hrs. Swb 126 bbls sulphur wtr 16 hrs. Now swb 6 bbls/hr. Prep to squeeze.
10-11-57	Set CI ret @ 2320'. Prep squeeze.
10-12-57	Sqsd perfs 2328-42' w/50 sx, 47 sx in form, rev. 3 sx. PI @ 1500#, MP 3000#. WOC.
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10-15-57	Acid perfs 2294-2312 w/250 gals MCA. MP 1800#@ .3 BPM. Swb 15 BLW; now swb 1/4 to 1/2 BW per hr w/sli swlphur odor. Prep to acidize.
10-16-57	No report - radio out acet weather.
10-17-57	Acidised perfs 229h-2312' w/1000 gals IST, MP 900#, Min. 700#; inj rate 1 BPM. Swb 42 bbls IW & AW 4 hrs. Swb 51 bbls sli salty sulphur water 15 hrs. Prep set BP & re-perf.
10-18-57	Set BP @ 2290' & perf 2270-80' w/h holes/ft. W/pkr @ 2219' & bottom of tail pipe @ 2280', swb 9 bbls Swtr/hr f/10 hrs w/sli show oil. Prep to P&A.

2290-PBD. Pulled & rec 1976' 52s cang. Spotted 25 ax cat 1987-1915'; 25 ax 1356-1284; 35 ax 515-475'. COMPLETED DRY HOLE.

Form 9-831a (SUBMIT IN TRIPLICATE) HE INTERIOR SHUT-OFF. SUBSEQUENT REPORT OF WAR NOTICE OF INTENTION TO DRILL. SUBSEQUENT REPORT OF SHOOTING OR ACIDIZI NOTICE OF INTENTION TO CHANGE PLANS SUBSEQUENT REPORT OF ALTERING CASING. NOTICE OF INTENTION TO TEST WATER SHUT-OFF. SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR. NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE. NOTICE OF INTENTION TO PULL OR ALTER CASING NOTICE OF INTENTION TO ABANDON WELL (INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA) line and the ft. from is located 500 ft. from (State or Territory) DETAILS OF WORK (State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work) Well has been plugged and shandened in accordance with plugging procedure per Form 9-33ls dated October 19, 1957. After standing for two weeks, well has been capped with sement and a regulation

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

marker installed.

Company Sinclair Oil & Gas Company Address 601 Denver Club Building By Fand Wund Desser, Colorado Title Asst. Div. Prod. Supt. (22)

388

U S. LAND OFFICE Salt Laim
SERIAL NUMBER Utah 04335
LEASE OR PERMIT TO PROSPECT

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

IMPORTANT WATER SANDS No. 1, from to No. 3, from to No. 4, from to CASING RECORD Star weight Threats per lost Tench per Make Amount Kind of shee Cut and pulled from Perforated Purpose 24/2 2802	Compa	ny Sin	clair Oil	& Gas Co	mbena	Addres	s 601 Denver	Club Bld	g., Denver, Col
Location 599 it serves of the Line and 780 it section 122 Elevation 24 Elevation 25									
The information given herewith is a complete and correct record of the well and all work done thereon to far as can be determined from all available records. Signed Title Asst. Lity Supt. Prod. Supt. The summary on this page is for the condition of the well at above date Commenced drilling Assaut. 22. 19.57. Funished drilling Oxtober. 19. 19.57. OIL OR GAS SANDS OR ZONES (Denote gus by or) (Denote gus by or) (Denote gus by or) No. 1, from to No. 5, from to No. 3, from to No. 3, from to No. 3, from to No. 4, from To To No. 4, from No. 4, from To No. 4, from No.									
Signed This summary on this page is for the condition of the well at above date Commenced drilling August. 22. 19.57. Funished drilling October 19. 19.57. OIL OR GAS SANDS OR ZONES (Dende pat by 6) No. 1, from DRY JELE to No. 4, from to No. 5, from to No. 5, from to No. 5, from to No. 6, from to No. 6, from to No. 1, from to No. 4, from to No. 5, from to No. 5, from to No. 6, from to No. 6, from to No. 1, from to No. 1, from to No. 4, from to No. 1, from to No. 4, from to No. 2, from to No. 4, from No. 4, from No. 2, from No. 4, from N	Locatio _	on 590	. ft ! }of _ !	Line ar	nd 750 ft	₩. of	Line of Section	m 22	Elevation (Derrick floor relative to sea level)
Date November 2. 1957. The summary on this page is for the condition of the well at above date Commenced drillingAugust. 22	Ti so far a	as can be	ation given lidetermined:	herewith is from all av	ailable red	cords.			
Commenced drilling August 22. 19.57. Funished drilling October 19. 19.57. OIL OR GAS SANDS OR ZONES (Denote gas by G) No. 1, from DRY IDLE to No. 4, from to No. 5, from to No. 2, from to No. 5, from to No. 5, from to No. 6, from to No. 6, from to No. 6, from to No. 7, from to No. 7, from to No. 8, from to No. 1, from to No. 1, from to No. 4, from to No. 4, from to No. 1, from to No. 4, from to No. 4, from to No. 5, from to No. 4, from to No. 5, from No. 4, from No. 5, from No. 6, from No. 7, from No. 6, from No.	Date	Novembe	r 8, 1957				* -		Me de allamente m
OIL OR GAS SANDS OR ZONES (Denter gat by 6) No. 1, fromDRY_HDLE to	Tł	he summa	ry on this pa	age is for th	he conditi	on of the well	at above date		
No. 1, from	Comm	enced dril	lingAugus	12.22,	, 19	Finish	ed drilling - Octo	ber 19.	, 19 57 .
No. 1, from DAY ADLE to No. 4, from to No. 2, from to No. 5, from to No. 5, from to No. 6, from to No. 8, from to No. 8, from to No. 8, from to No. 3, from to No. 3, from to No. 4, from to No. 4, from to No. 4, from to CASING RECORD Size Weight Turesda per Make Amount Kind of shoe Cut and guilled from Free The per foot Turesda per Size Short used Size Short used Size Size Short used Short used Size Short used Short us				OII			R ZONES		
No. 3, from to No. 6, from to No. 7, from to No. 7, from to No. 1, from to No. 1, from to No. 1, from to No. 4,	No. 1,	fromD	Y_HOLE	to	`-	,	from	to .	
No. 1, from to No. 3, from to No. 4, from to No. 2, from to No. 4,	No. 2,	from		to		No. 5,	from	to .	
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No. 2, from to No. 4, from to CASING RECORD Size Weight Threads per Make Amount Kind of shee Cut and pulled from Perforated Purpose Purpose Prom To				I	MPORTA	NT WATER	SANDS		
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MudDING AND CEMENTING RECORD Make Amount Kind of shee Cut and pulled from Perforated Prom- To- To-	No. 2,	from		to		·		to .	
MUDDING AND CEMENTING RECORD Make Make					CAS			Perforat	ad .
MUDDING AND CEMENTING RECORD Note	casing	Weight per foot	Threads per inch	Make	Asnount	Kind of shoe	Cut and pulled from		Purpose
MUDDING AND CEMENTING RECORD Size	-3/8								
MUDDING AND CEMENTING RECORD Size	7/2								
MUDDING AND CEMENTING RECORD Street									
Where set Number sacks of coment Method used Mud gravity Amount of mud used									
PLUGS AND ADAPTERS Heaving plug—Material Length Depth set Size SHOOTING RECORD Size Shell used Explasive used Quantity Date Depth shot Depth deaned out TOOLS USED Rotary tools were used from feet to feet				MUDD	ING ANI	D CEMENTI	NG RECORD		
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OMPLETION RECORDS Having drilled to 3885-TD and having found no oil or gas in commercial quantities, we have plugged and abandoned this well as follows: Spotted 25 ax out plug 1987-1915; 25 ax 1350-1284; 35 ax 515-475. Regulation 4" pige marker could in place, all intervening spaces filled with heavy made location cleaned.

FORMATION RECORD—Continued

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HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of anots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

CORES AND DRILL STEM TESTS

- 9-15-57 Core #1, Basal Upper Hermosa, 2301-22'; Rec 21'; 4' limestone, very waggy, grey, heavily spotted oil stain, strong sulphur odor, some oil saturation, much bleeding; 3' limestone, light brown, very waggy, fine oil saturation, much bleeding; 2' limestone, white to grey, fine cry stalline, some wag porosity, spotty oil stain and bleeding; 3' limestone, white, fine crystalline, fine colitic trace fine wag porosity, strong sulphur odor, trace oil stain, l' limestone, grey, fine to medium crystalline, hard and tight, 4' limestone, light brown, very fine crystalline, hard, small calcite inclusions, 4' limestone, light brown, hard, some black silty trashy shale laminated fossile.
- 9-16-57 DST Basal Upper Her osa, open 1 hr., air immediately with weak blow. Rec 200 drilling mad with very alight trace oil. FP-45# 160# SIP 60" not max.